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IN THE CLAIMS

The claims are amended and listed hereinafter:

Claims 1-2 (Canceled)

Claim 3 (Currently amended) ~~The~~ A detection method according to claim 2[[,]]
commonly used for a video interface outlet and earphone line outlet comprising
the following steps:

(1) allowing a detection device to detect whether a plug is inserted in
a four-terminals outlet; and

(2) allowing said detection device to detect whether an impedance
value of a video output terminal of said four-terminals outlet is larger than a
preset value;

wherein said detection device comprises;

a microprocessor connected ~~respectively~~ to said a plug detection
terminal of said four-terminals outlet;[[,]] ~~control signal input terminals of~~

a first switch chip with a first control signal input terminal, a second
switch chip with a second control signal input terminal, and a control signal input
terminal of a third switch chips being connected to said microprocessor;

~~and a signal output terminal of a transistor~~ with a signal output
terminal being connected to said microprocessor and further connected to[[;]] said
first and second switch chips ~~are further connected respectively to said transistor~~
~~through corresponding~~ a plurality of resistors;

a detection-use power supply input terminal ~~is~~ being connected to said

first switch chip;

wherein said power supply input terminal communicates with said transistor and said second switch chip respectively through said ~~corresponding~~ resistors when said first switch chip is opened; said second switch chip is further connected to a video output terminal of said outlet; said microprocessor emits a signal to open ~~respectively~~ said first switch chip and said second chip respectively through said first and second control signal input terminals when said microprocessor detects a message that ~~the~~ a plug is inserted in said plug detection terminal; ~~said a~~ detection-use power is caused to transmit to said transistor and said second switch chip, and said second switch chip ~~is caused to rely~~ relies on an output impedance value of said video output terminal to cause ~~a~~ said signal output terminal ~~of said transistor~~ to feedback a level state of said output impedance to said microprocessor; said microprocessor then emits a control signal to said third switch chip to cause said third switch chip to control an amplifier to output a video signal or not to output ~~a~~ said video signal to said video signal output terminal.

Claim 4 (Original) The method according to claim 3, wherein said microprocessor then emits a control signal to said third switch, and in the meantime, emits ~~a~~ another control signal to close said first and second switch chips.

Claim 5 (Canceled)

Claim 6 (Currently amended) ~~The~~ A detection device, which is commonly used for a video interface outlet and earphone line outlet, comprising according to claim 5,
~~wherein said detection device comprises~~

a microprocessor connected ~~respectively~~ to ~~said~~ a plug detection terminal of said a four-terminals outlet;[[,]]

~~control signal input terminals of a first chip with a first control signal input terminal and a second switch chip with a second control signal input terminal chips and a signal output terminal of a transistor; said first and second switch chips are further~~ being connected respectively to said microprocessor transistor through corresponding resistors;

a transistor with a signal output terminal being connected to said first and second switch chips respectively via a plurality of resistors; and

a detection-use power supply input terminal ~~is~~ being connected to said first switch chip;

wherein said second switch chip is further connected to a video output terminal of ~~said a four-terminals outlet;~~

whereby said microprocessor emits a signal to open ~~respectively~~ said first switch chip and said second chip respectively through said control signal input terminals when said microprocessor detects a message that a plug is inserted in said plug detection terminal; said detection-use power is caused to transmit to said transistor and said second switch chip, and said second switch chip ~~is caused to rely~~ relies on an output impedance value of said video output terminal to cause ~~a~~ said signal output terminal ~~of said transistor~~ to feedback a level state of said

output impedance to said microprocessor so as to know ~~the~~ what type of said inserted plug is.

Claim 7 (Currently amended) The device according to claim 6, wherein said microprocessor is further connected to a third control signal input terminal of a third switch chip, and said third switch chip is further connected to a power supply of a video signal amplifier so that said microprocessor emits a control signal to said third switch chip to cause said third switch chip to control said amplifier to output a video signal or not to output a video signal ~~when~~ depending on said signal output terminal detected with said microprocessor ~~detects a signal output terminal of said transistor is~~ being at a high voltage level or at a low voltage level.